

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061621\
 Data File : VX022716.D
 Acq On : 16 Jun 2021 12:36
 Operator : JC/MD
 Sample : VX0616WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBSD01

Manual Integrations
 APPROVED

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6/17/2021 11:03:54 AM

Quant Time: Jun 17 02:21:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	74414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	144719	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	134784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68842	51.439	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.880%	
35) Dibromofluoromethane	5.391	113	47950	51.931	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.860%	
50) Toluene-d8	8.653	98	187030	51.384	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.760%	
62) 4-Bromofluorobenzene	11.085	95	70167	50.971	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.940%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	16095	18.431	ug/l	98
3) Chloromethane	1.294	50	18628	17.654	ug/l	98
4) Vinyl Chloride	1.374	62	17611	16.986	ug/l	100
5) Bromomethane	1.599	94	10151	17.998	ug/l	97
6) Chloroethane	1.685	64	11722	18.672	ug/l	95
7) Trichlorofluoromethane	1.886	101	29279	19.611	ug/l	92
8) Diethyl Ether	2.136	74	12924	21.427	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	18262	20.049	ug/l	92
10) Methyl Iodide	2.453	142	16544	16.199	ug/l	93
11) Tert butyl alcohol	2.971	59	32100	103.591	ug/l	99
12) 1,1-Dichloroethene	2.319	96	16580	18.352	ug/l	91
13) Acrolein	2.239	56	10441	80.404	ug/l	100
14) Allyl chloride	2.666	41	33558	19.213	ug/l	95
15) Acrylonitrile	3.068	53	66961	110.026	ug/l	100
16) Acetone	2.386	43	61839	103.192	ug/l	96
17) Carbon Disulfide	2.514	76	34813	17.124	ug/l	96
18) Methyl Acetate	2.709	43	37246	20.648	ug/l	90
19) Methyl tert-butyl Ether	3.117	73	67083	21.399	ug/l	99
20) Methylene Chloride	2.794	84	23007	19.715	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	19350	19.329	ug/l	91
22) Diisopropyl ether	3.770	45	71725	20.750	ug/l	# 96
23) Vinyl Acetate	3.727	43	342678	107.574	ug/l	96
24) 1,1-Dichloroethane	3.617	63	38321	19.105	ug/l	96
25) 2-Butanone	4.562	43	104301	107.317	ug/l	91
26) 2,2-Dichloropropane	4.483	77	29466	19.262	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	23916	19.608	ug/l	95
28) Bromochloromethane	4.903	49	21695	22.368	ug/l	# 78
29) Tetrahydrofuran	5.013	42	60560	107.018	ug/l	88
30) Chloroform	5.099	83	40090	20.051	ug/l	99
31) Cyclohexane	5.477	56	29109	18.030	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	30870	18.766	ug/l	96
36) 1,1-Dichloropropene	5.696	75	29043	20.142	ug/l	97
37) Ethyl Acetate	4.721	43	39959	21.803	ug/l	# 93
38) Carbon Tetrachloride	5.684	117	25037	20.298	ug/l	95
39) Methylcyclohexane	7.385	83	30500	20.276	ug/l	98
40) Benzene	6.043	78	87789	20.464	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	21272	21.659	ug/l	91
42) 1,2-Dichloroethane	6.092	62	34508	21.869	ug/l	97
43) Isopropyl Acetate	6.348	43	65186	22.522	ug/l #	92
44) Trichloroethene	7.129	130	20789	20.643	ug/l	98
45) 1,2-Dichloropropane	7.433	63	24503	21.169	ug/l	94
46) Dibromomethane	7.586	93	16219	21.593	ug/l #	84
47) Bromodichloromethane	7.824	83	28790	20.665	ug/l #	99
48) Methyl methacrylate	7.696	41	30990	22.304	ug/l	89
49) 1,4-Dioxane	7.665	88	12254	463.374	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	210286	114.459	ug/l	90
52) Toluene	8.720	92	54116	20.268	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	33194	20.495	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	35725	20.100	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	24172	22.126	ug/l	96
56) Ethyl methacrylate	9.116	69	39383	21.309	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	40952	21.553	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	104635	106.242	ug/l	94
59) 2-Hexanone	9.433	43	158911	113.209	ug/l	88
60) Dibromochloromethane	9.525	129	19362	20.069	ug/l	99
61) 1,2-Dibromoethane	9.610	107	23588	21.633	ug/l	97
64) Tetrachloroethene	9.275	164	17049	20.002	ug/l	89
65) Chlorobenzene	10.079	112	56987	20.286	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	19576	20.370	ug/l	98
67) Ethyl Benzene	10.195	91	105463	20.393	ug/l	100
68) m/p-Xylenes	10.305	106	77580	41.417	ug/l	95
69) o-Xylene	10.646	106	38403	21.160	ug/l	99
70) Styrene	10.659	104	64697	20.195	ug/l	98
71) Bromoform	10.805	173	11597	20.484	ug/l #	97
73) Isopropylbenzene	10.963	105	101496	20.742	ug/l	98
74) N-amyl acetate	10.848	43	56207	21.359	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	38564	22.158	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	34935m	22.110	ug/l	
77) Bromobenzene	11.201	156	20942	20.034	ug/l	82
78) n-propylbenzene	11.305	91	121131	20.495	ug/l	98
79) 2-Chlorotoluene	11.366	91	71040	19.864	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	84789	20.802	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	10239	20.760	ug/l #	85
82) 4-Chlorotoluene	11.457	91	83465	20.394	ug/l	95
83) tert-Butylbenzene	11.719	119	79674	20.813	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	87314	21.119	ug/l	96
85) sec-Butylbenzene	11.896	105	104014	20.802	ug/l	97
86) p-Isopropyltoluene	12.012	119	86589	20.977	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	40238	20.281	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	42282	20.702	ug/l	95
89) n-Butylbenzene	12.335	91	83355	21.092	ug/l	97
90) Hexachloroethane	12.542	117	11954	19.817	ug/l	75
91) 1,2-Dichlorobenzene	12.335	146	40884	21.148	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7373	20.485	ug/l	78
93) 1,2,4-Trichlorobenzene	13.591	180	23579	20.330	ug/l	96
94) Hexachlorobutadiene	13.731	225	8814	21.192	ug/l	97
95) Naphthalene	13.780	128	97691	20.194	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	23595	20.868	ug/l	96

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

